

# FRMAC ADVANCE PARTY MEETING MONITORING DIVISION'S CHECKLIST

## INTRODUCTIONS

1. Identify state(s) advisor(s) to the Monitoring Division. \_\_\_\_\_
2. Identify LFA advisor to the Monitoring Division. \_\_\_\_\_
3. Identify state/local counterparts. \_\_\_\_\_
4. Identify state, local, and LFA personnel to work with FRMAC in developing the initial FRMAC Monitoring and Sampling Plan. \_\_\_\_\_

## STATUS OF EMERGENCY

1. Has release terminated? \_\_\_\_\_
2. Are additional releases expected? \_\_\_\_\_
3. How many releases have occurred? \_\_\_\_\_
4. Is the situation stable? \_\_\_\_\_
5. What are the dominant isotopes? \_\_\_\_\_
6. What was the meteorology during each release? \_\_\_\_\_
  - Wind speed and direction? \_\_\_\_\_
  - Precipitation? \_\_\_\_\_
  - Stability class? \_\_\_\_\_
  - Other? \_\_\_\_\_
7. What is the current status of the plume(s)? \_\_\_\_\_

## OFFSITE ACTIVITIES

1. Identify offsite protective actions and their status. \_\_\_\_\_
  - Implemented? \_\_\_\_\_
  - Underway? \_\_\_\_\_
  - Pending? \_\_\_\_\_
  - Other? \_\_\_\_\_
2. Are maps delineating the protective actions available? \_\_\_\_\_
3. Identify state(s) and local offsite monitoring resources. \_\_\_\_\_
4. Identify state(s) and local radioanalytical capability. \_\_\_\_\_
5. Identify monitoring and sampling activities that will be completed by the time FRMAC is operational. \_\_\_\_\_
6. Identify radioanalytical activities that will be completed by the time FRMAC is operational. \_\_\_\_\_
7. Are monitoring and analytical results available to FRMAC? \_\_\_\_\_
  - If YES, when and how? \_\_\_\_\_
8. Are atmospheric prediction plots available? \_\_\_\_\_
9. Identify location of preestablished offsite monitoring locations. \_\_\_\_\_
10. Identify unevacuated local populated areas and special needs populations such as hospitals, nursing homes, and prisons. \_\_\_\_\_
11. Identify institutions, facilities, and residences located in the evacuated areas which were not evacuated or must be reentered. \_\_\_\_\_
12. Identify locations of surface drinking water supplies and open-air water treatment facilities. \_\_\_\_\_
13. Will state and local monitoring personnel join the FRMAC? \_\_\_\_\_
  - If NO, identify state/local contact for coordinating monitoring and

analytical activities. \_\_\_\_\_

- If YES, identify state/local personnel radiation exposure turn-back levels and dose commitment limitations. \_\_\_\_\_

14. When and how will federal responders operating prior to an operational FRMAC (i.e., RAP) be integrated into the FRMAC? \_\_\_\_\_

15. Identify local and/or facility personnel familiar with the area that are available to drive FRMAC monitoring vehicles. \_\_\_\_\_

16. Obtain maps for FRMAC monitoring teams and the Monitoring Division's Status Map Coordinator. \_\_\_\_\_

17. How can FRMAC monitors pass through road blocks to perform monitoring duties? \_\_\_\_\_

18. Identify any confounding conditions which could impact FRMAC monitoring activities such as hazardous materials associated with the emergency, flood damage, earthquake damage, major road work, etc. \_\_\_\_\_

### **PRIORITIES FOR INITIAL FRMAC MONITORING AND SAMPLING PLAN**

1. Identify state/local requirements. \_\_\_\_\_

2. Identify LFA requirements. \_\_\_\_\_

3. If release is ongoing or projected, determine the presence of radioiodines. \_\_\_\_\_

4. Monitor close to evacuated areas where people are located. \_\_\_\_\_

5. Identify areas that have not been evacuated, but where early health effects are possible (100 rem in four days; i.e., 1 rem/h). \_\_\_\_\_

6. Identify areas that have not been evacuated, but where the federal protective action guide (PAG) for evacuation may be exceeded (greater than 1 rem in four days; i.e., without knowing isotopic ratios, 10 mrem/h). \_\_\_\_\_

7. After deposition, determine isotopic ratios. \_\_\_\_\_

8. Provide a measure of the validity for the dispersion models in use. \_\_\_\_\_

9. Establish air sampling stations to measure resuspension and future plume

releases. \_\_\_\_\_

10. Monitor institutions, facilities, and/or residences located in the evacuated areas which were not evacuated or where people must reenter. \_\_\_\_\_
11. Identify hot spots. \_\_\_\_\_
12. Characterize the offsite area. \_\_\_\_\_
13. Monitor areas for possible return of residents. \_\_\_\_\_
14. Sample surface drinking water supplies and open-air water treatment facilities. \_\_\_\_\_